

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp	
L1	20	("4081655"   "4114985"   "5011626"   "5073694"   "5125546"   "5140127"   "5227098"   "5425903"   "5767482"   "5773790"   "5780807"   "5914060"   "5921474"   "5928534"   "5994667"   "6114653"   "6131266"   "6168099"   "6173914"   "6314711").PN.	US-PGPUB; USPAT; USOCR	OR	OFF		2008/06/21 15:44
L2	0	"99055600"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 15:47	
L3	0	"9955600"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 15:47	
L4	3	"9955600"	EPO; DERWENT	OR	OFF	2008/06/21 15:47	
L5	9	"8903274"	EPO; DERWENT	OR	OFF	2008/06/21 15:49	
L6	1	"0069594"	EPO; DERWENT	OR	OFF	2008/06/21 15:50	
L7	1	("5345057").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 15:51	
L8	4	"3937460"	EPO; DERWENT	OR	OFF	2008/06/21 15:52	
L9	803	((264/400,482) or (216/94)).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 16:10	
L10	1	10/517799	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 16:21	
L11	1036	(264/154).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 16:21	
L12	105	L11 and laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 16:21	

S1	249	laser with (drill\$4 etch \$4 ablat\$6 cut cutting) and pressur \$6 with maintain\$5 with shape	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:13
S2	42	laser with (drill\$4 etch \$4 ablat\$6 cut cutting) and core with water with (bladder bag fill\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:14
S3	768	laser with (drill\$4 etch \$4 ablat\$6 cut cutting) and core with water	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:15
S4	1503	(264/313).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:17
S5	614	S4 and (fluid\$2 water)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:18
S6	102	S4 and (fluid\$2 water) same core	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:18
S7	2	("2562299").URPN.	USPAT	OR	OFF	2008/05/21 07:21
S8	24	("2052818"   "2170188"   "2361933"   "2562299"   "2730783"   "2870513"   "3257690"   "3290728"   "3414951"   "3561079"   "3598357"   "3610563"   "3674394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:21
S9	17	("2739350").URPN.	USPAT	OR	OFF	2008/05/21 07:29
S10	606	(pressure pressuriz\$6) with balloon and indicia	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:35
S11	15	(pressure pressuriz\$6) with balloon with indicia	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:36
S12	574	hydroform\$4 and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:39
S13	194	hydroform\$4 and laser same (drill\$4 etch\$4 ablat\$6 cut cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:40

S14	5562	balloon with catheter \$2 and laser same (drill\$4 etch\$4 ablat \$6 cut cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:46
S15	417	balloon with catheter \$2 and laser same (drill\$4 etch\$4 ablat \$6 cut cutting) same (pressure pressuriz\$6)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:47
S16	24	("2568128"   "3271484"   "3733309"   "4254774"   "4317793"   "4339409"   "4411055"   "4467790"   "4490421"   "4512948"   "4701121"   "4820349"   "4871507"   "4938676"   "4941877"   "4950239"   "4952357"   "5149485"   "5270086"   "Re32983"   "Re33561").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:51
S17	84	(mold mould) with transparent with laser \$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:52
S18	248	(mold mould) with (hole\$2 perforat\$4) with laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 07:56
S19	12	("3733309"   "4456000"   "4490421"   "4906244"   "4941877"   "4963313"   "4964853"   "5267959"   "5334146"   "5358486"   "Re33561").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 08:02
S20	16	("5733301").URPN.	USPAT	OR	OFF	2008/05/21 08:03
S21	3	"9955600"	EPO; DERWENT	OR	OFF	2008/05/21 08:09

S22	4	"3937460"	EPO; DERWENT	OR	OFF	2008/05/21 08:10
S23	57	S4 and (fluid\$2 water) and drain\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 08:24
S24	15	("2698458"   "3112520"   "3559236"   "3608052"   "4027543"   "4388263"   "4842787"   "4915896"   "4997511"   "5059377"   "5062780"   "5366684").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 08:32
S25	92	core same bladder with water	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 08:36
S26	33	("1045201"   "1948643"   "2225073"   "2323962"   "2483278"   "2601048"   "2605594"   "3166876"   "3178863"   "3203073"   "3221449"   "3232011"   "3253323"   "3319686"   "3362113"   "3848374"   "4897968"   "5351447").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 08:40
S27	5	("3487668"   "5398533"   "5460026"   "5666840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 09:23
S28	309	beam adj stop and laser and (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:32
S29	153	beam adj stop same laser and (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:32
S30	24	beam near3 stop with (liquid fluid) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:40
S31	16	beam adj stop with (liquid fluid) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:40

S32	5794	(valve nozzle tube tubing pipe tubular) same laser with (etch \$4 ablat\$4 drill\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:46
S33	2976	(valve nozzle tube tubing pipe tubular) with laser with (etch \$4 ablat\$4 drill\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:46
S34	8	S33 and beam adj stop	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:46
S35	29	(valve nozzle tube tubing pipe tubular) and laser with (etch \$4 ablat\$4 drill\$4) and beam adj stop\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 07:54
S36	55	beam near3 stop\$3 with (fluid\$2 liquid\$2) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 20:53
S37	133	beam near3 stop\$3 same (fluid\$2 liquid \$2) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:00
S38	78	S37 not S36	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:00
S39	34	beam near3 stop\$3 same (fluid\$2 liquid \$2) and laser same (drill\$4 etch\$4 ablat \$5 cut cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:03
S40	22	S39 not S36	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:03
S41	6	("3390351"   "3709584"   "3859539"   "5020884"   "Re28753").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:10
S42	1	("5083852").URPN.	USPAT	OR	OFF	2008/06/01 21:12
S43	10	beam adj stop\$3 with (fluid\$2 liquid\$2) and laser and (drill\$4 etch \$4 ablat\$5 cut cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:14
S44	30	beam adj stop\$3 with (fluid\$2 liquid\$2) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:14
S45	20	S44 not S43	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:14

S46	120	beam adj stop\$3 and (fluid\$2 liquid\$2) and laser with (drill\$4 etch \$4 ablat\$5 cut cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:15
S47	8	beam adj stop\$3 and laser with (drill\$4 etch \$4 ablat\$5 cut cutting) same (tube tubes tubing tubular pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:16
S48	255	beam adj stop\$3 and laser with (drill\$4 etch \$4 ablat\$5 cut cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:21
S49	91	beam adj stop and laser with (drill\$4 etch \$4 ablat\$5 cut cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:21
S50	1	10/517799	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:29
S51	4	"6476352"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:38
S52	2	beam adj stop with (insert inserts)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:40
S53	61	beam adj stop with (tube tubing tubular pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:40
S54	4	"2005098483"	EPO; DERWENT	OR	OFF	2008/06/01 21:41
S55	6	("4530098" "3416089" "3648056" "5073831" "3931593").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:42
S56	212	laser with beam adj stop	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:44
S57	2225	laser with (drill\$4 ablat\$5 etch etching cut cutting) and dye with absorb\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:51
S58	20	laser with (drill\$4 ablat\$5 etch etching cut cutting) and dye with absorb\$4 same (tube tubing tubular pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:52
S59	2421	laser with (drill\$4 ablat\$5 etch etching cut cutting) and stent\$2 and block	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:54

S60	164	laser with (drill\$4 ablat \$5 etch etching cut cutting) and stent\$2 and block with (laser beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:55
S61	4	("4733665"   "5102417"   "5514154"   "5591197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 21:55
S62	59	mandrel with block\$4 with beam	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 22:00
S63	29	mandrel with (absorb \$4 block\$4) near3 beam	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/01 22:02
S64	1	10/517799	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 15:47
S65	120	laser with (cut cutting drill ablat\$4) same (coolant water liquid) with (back backside)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 15:49
S66	16	"4125757"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 15:49
S67	60	"5073694"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 15:49
S68	54	S67 and laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 15:52
S69	18	"5994667"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 15:56
S70	25	("1812409"   "2189331"   "2189339"   "2947065"   "3612814"   "4002877"   "4188413"   "4233486"   "4288680"   "4324972"   "4403134"   "4409463"   "4412120"   "4742206"   "4833764"   "4893972"   "4931615"   "4950861"   "4980534"   "4998206"   "5073694").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 15:56

S71	60	"5073694"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 16:42
S72	52	("5073694").URPN.	USPAT	OR	OFF	2008/06/20 16:42
S73	19	("4387952"   "4733665"   "4963022"   "4994071"   "5073694"   "5102417"   "5345057"   "5514154"   "5569295"   "5591197"   "5759192"   "5780807"   "6132461"   "6160240"   "6287336"   "6521865"   "6563080"   "6572647"   "6696667").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 16:44
S74	4381	plugs with ends with (tube tubing tubular pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 16:48
S75	394	plugs with ends with (tube tubing tubular pipe) with (fluid liquid)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/20 16:48
S76	0	("1583162").URPN.	USPAT	OR	OFF	2008/06/20 16:50
S77	1538	deep near3 (draw drawing drawn) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 13:30
S78	297	deep near3 (draw drawing drawn) and laser with (cut cutting drill\$4 )	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 13:30
S79	201	deep near3 (draw drawing drawn) and laser with (cut cutting drill\$4) and (liquid\$2 fluid\$2 water coolant \$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 13:31
S80	61	deep near3 (draw drawing drawn) and laser with (cut cutting drill\$4) same (liquid\$2 fluid\$2 water coolant \$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 13:32

S81	13	"3937460"	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:33
S82	3	"3937460"	JPO; DERWENT	OR	OFF	2008/06/21 13:33
S83	8	"8903274"	JPO; DERWENT	OR	OFF	2008/06/21 13:35
S84	116	deep adj (draw drawing drawn) and laser with (liquid\$2 fluid\$2 water coolant \$2)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:39
S85	10157	laser with (cut cutting drill\$4) and (liquid\$2 fluid\$2 water coolant \$2) with (pressuriz\$8 pressure)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:41
S86	994	laser with (cut cutting drill\$4) same (liquid\$2 fluid\$2 water coolant \$2) with (pressuriz\$8 pressure)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:41
S87	524	laser with (cut cutting drill\$4) with (liquid\$2 fluid\$2 water coolant \$2) with (pressuriz\$8 pressure)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:41
S88	4	("2572796"   "3851864"   "4002877").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:42
S89	1	("3931491").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:43
S90	14	("4002877").URPN.	USPAT	OR	OFF	2008/06/21 13:43
S91	7	("3597578"   "3604890"   "3679863"   "3989778"   "4002877"   "4324972"   "4417125").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/06/21 13:44

S92	13	("3532014"   "3582466"   "4182170"   "4239448"   "4266112"   "4567796"   "4573382"   "4908494"   "4928838"   "4952770"   "4952771").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 13:48
S93	7	("5068513").URPN.	USPAT	OR	OFF	2008/06/21 13:51
S94	7	("3492062"   "3648056"   "3649426"   "3764277"   "B1527669").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 13:55
S95	14	("3492062").URPN.	USPAT	OR	OFF	2008/06/21 13:56
S96	1	10/517799	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:07
S97	4423	laser with (cut cutting drill\$4) with (tube tubing pipe cylinder cylindrical)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:20
S98	33	laser with (cut cutting drill\$4 ablation ablated ablating) with tank	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:21
S99	495	laser with (cut cutting drill\$4 ablation ablated ablating) with (water liquid\$2) with pressur\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:25
S100	3	"5083852"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:31
S101	4	taper adj ground adj joint and stopper\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:33
S102	17	taper adj ground and stopper\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:34

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